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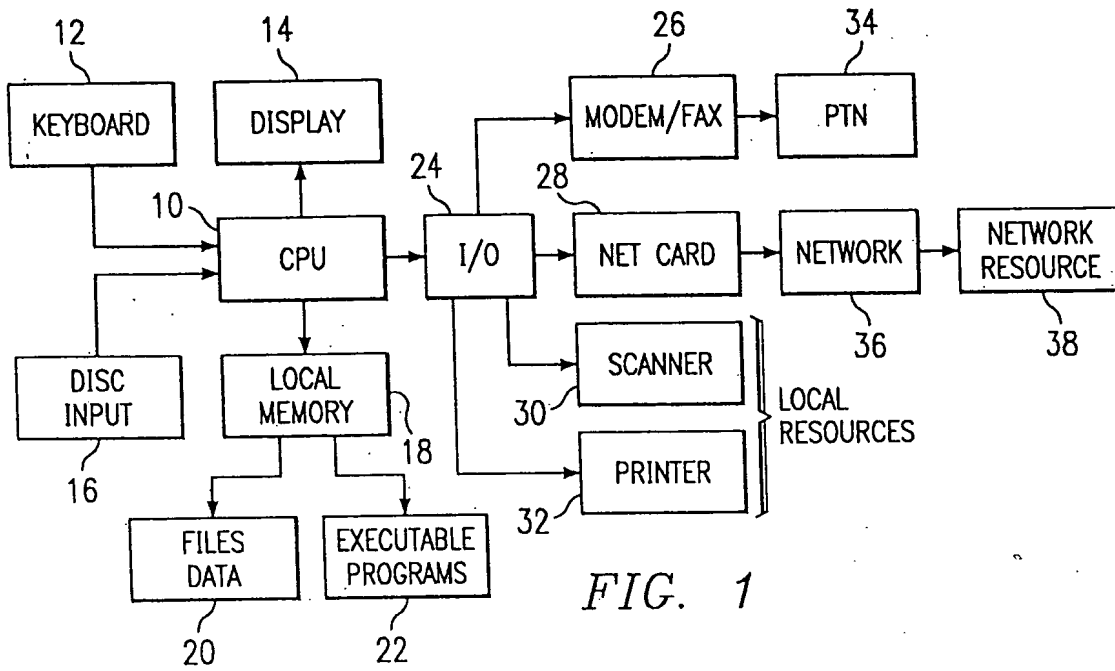


FIG. 1

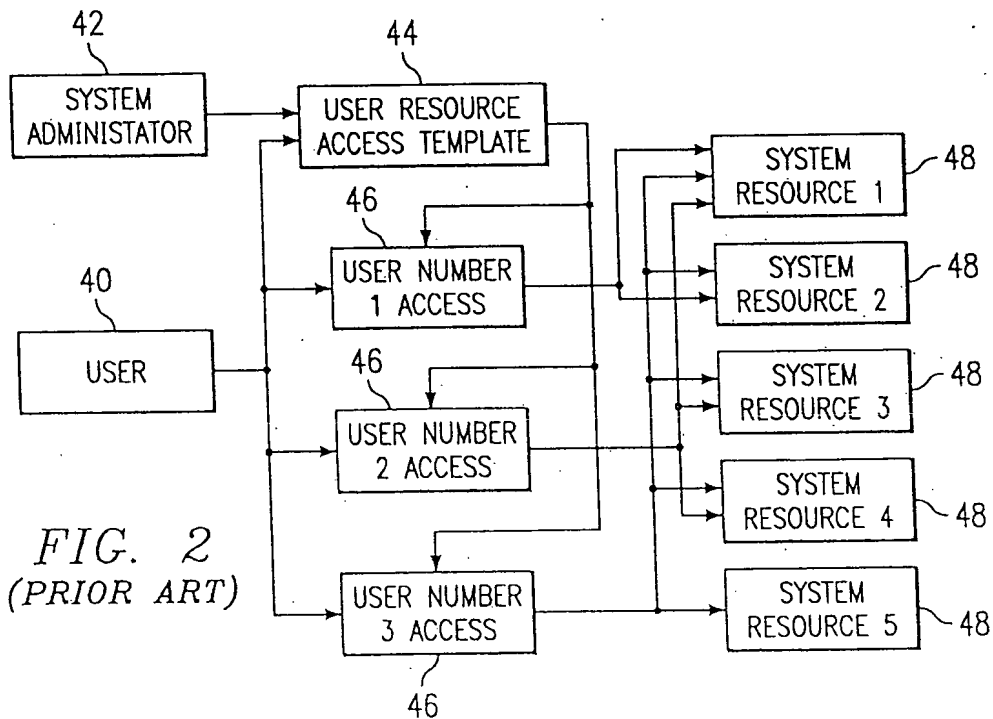
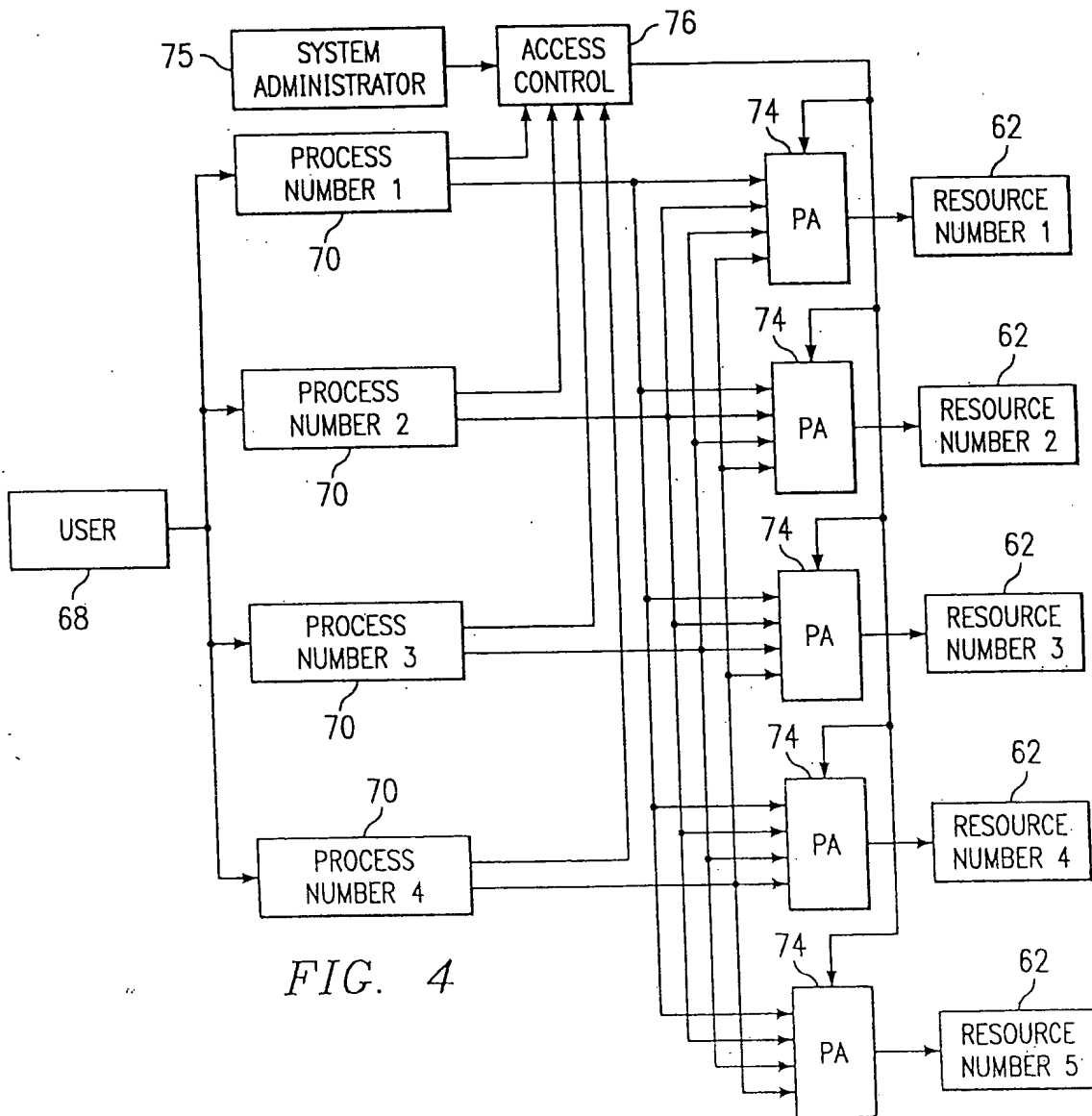
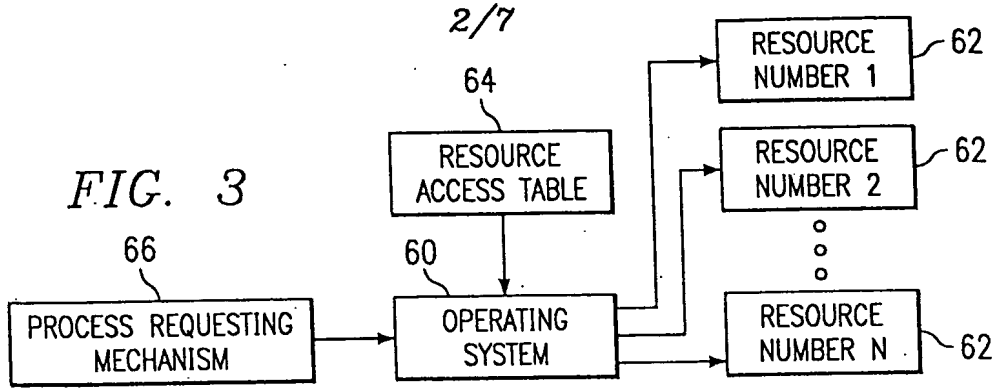


FIG. 2
(PRIOR ART)

FIG. 3



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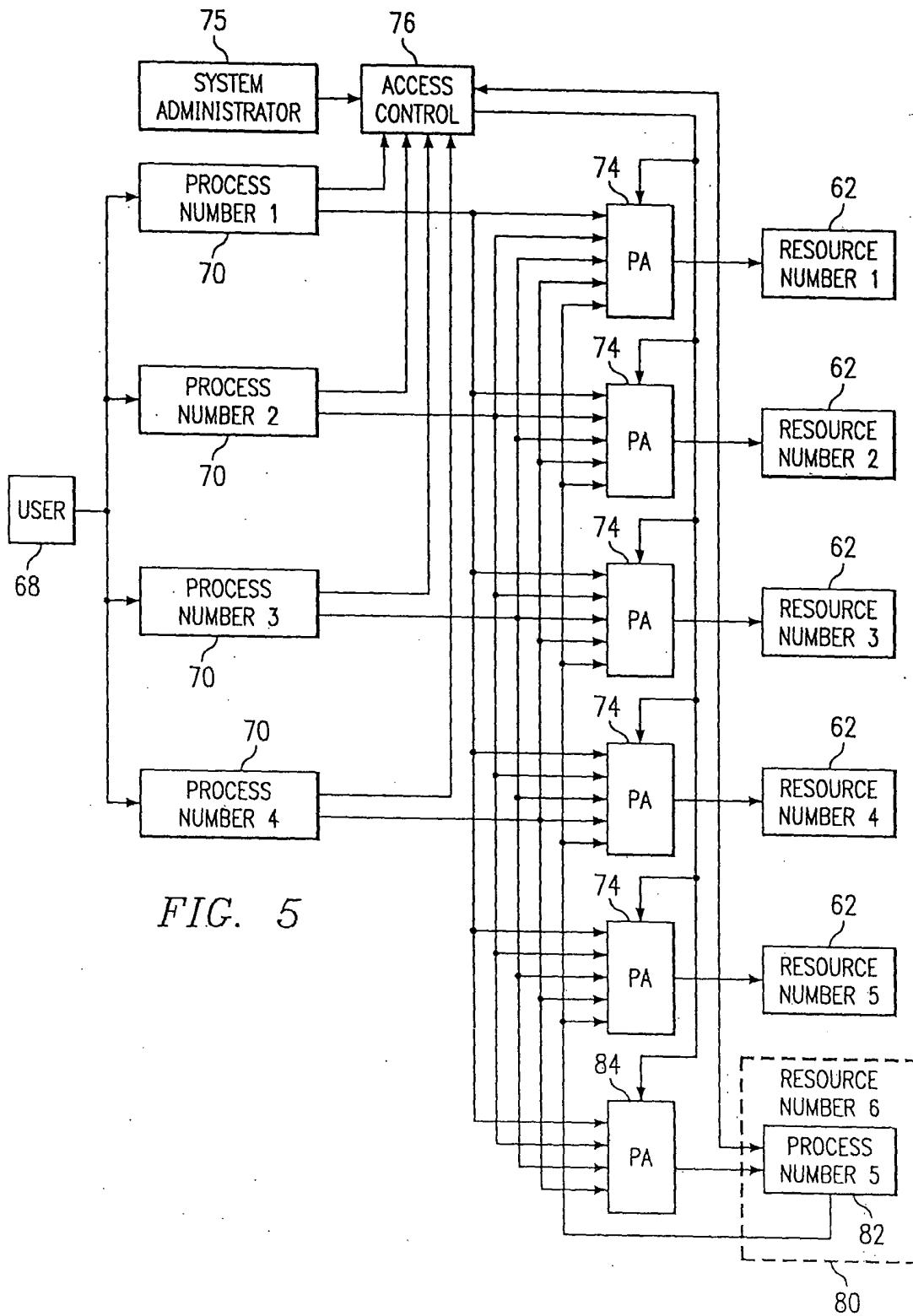


FIG. 5

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FIG. 6

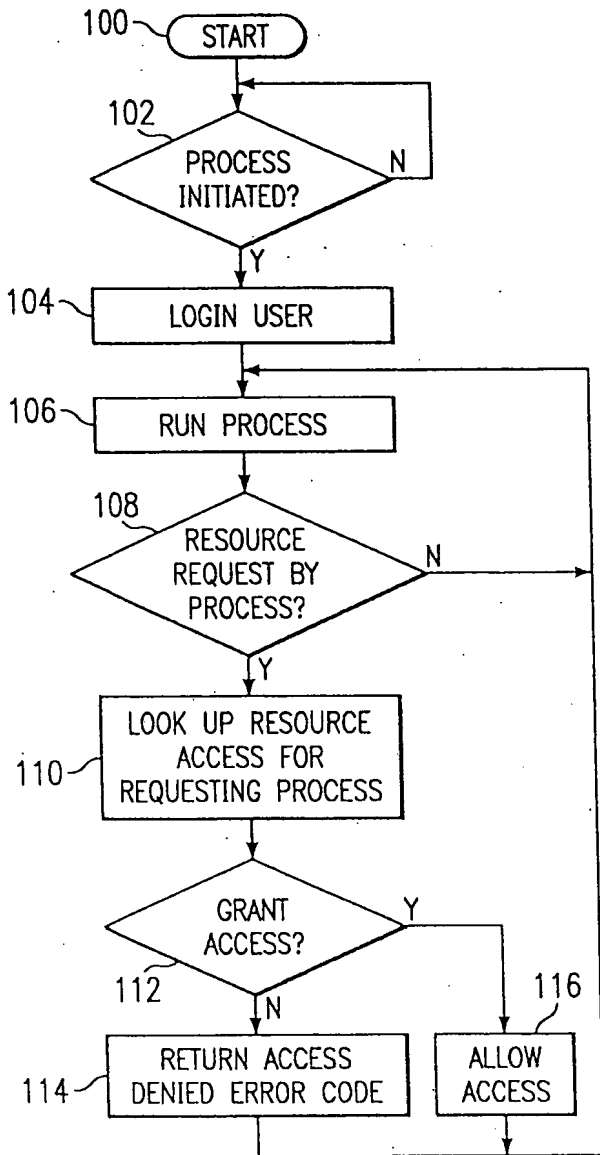
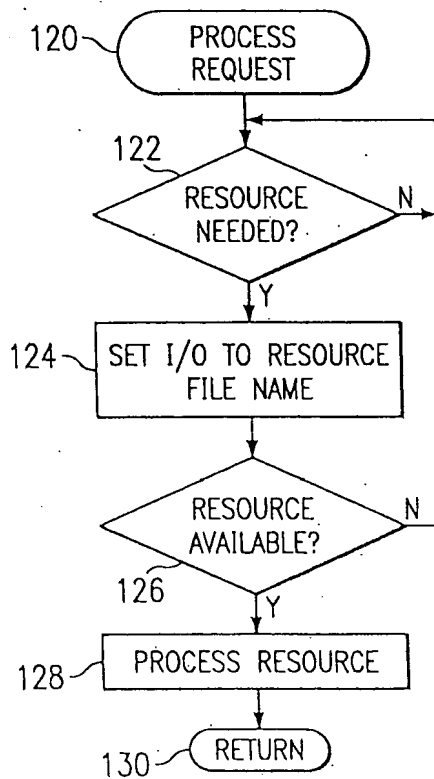
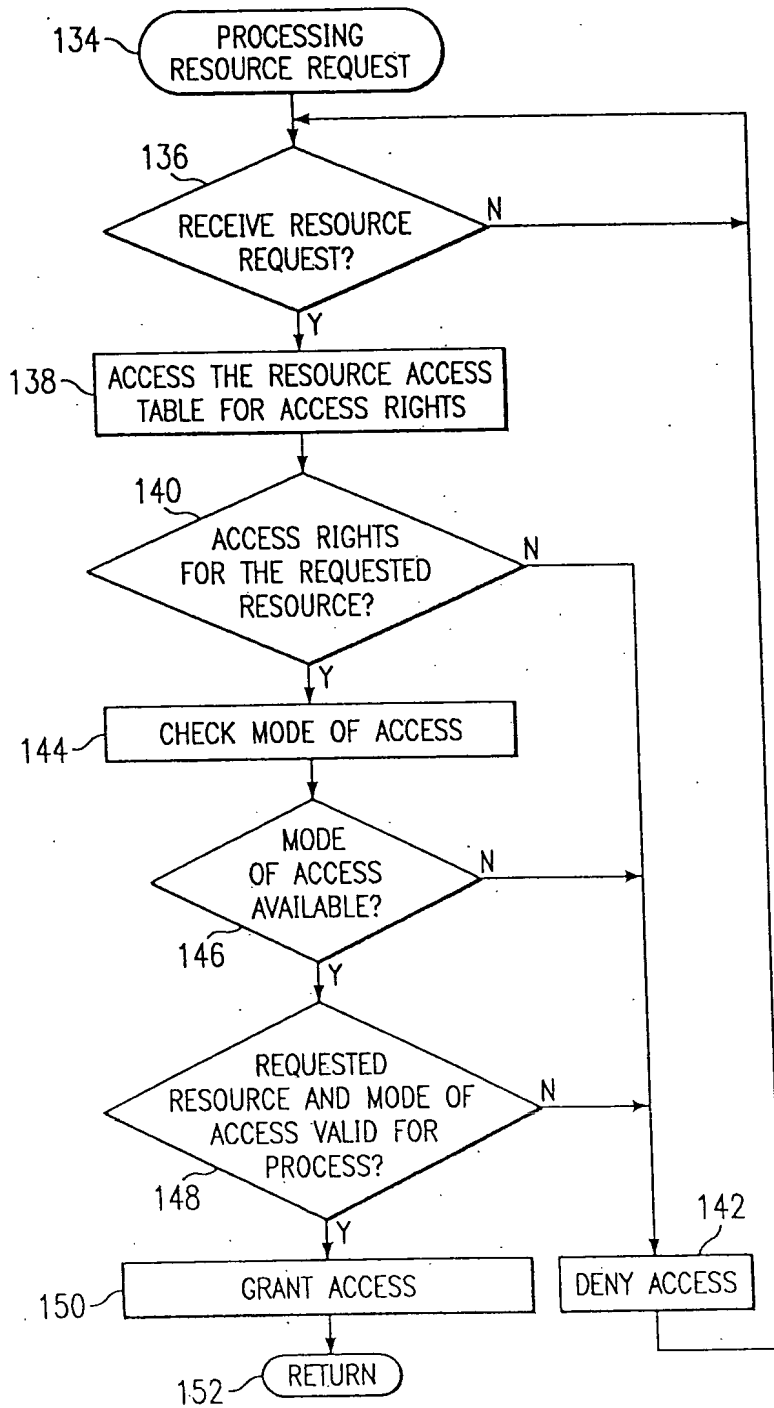


FIG. 7



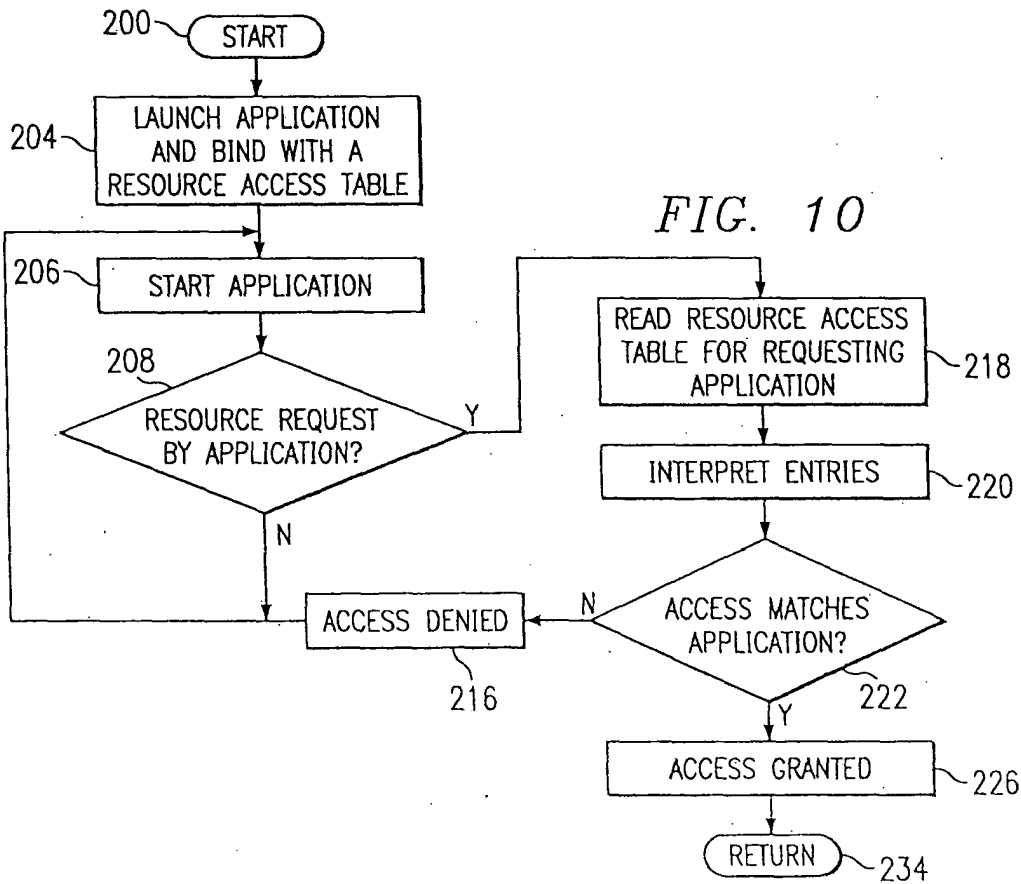
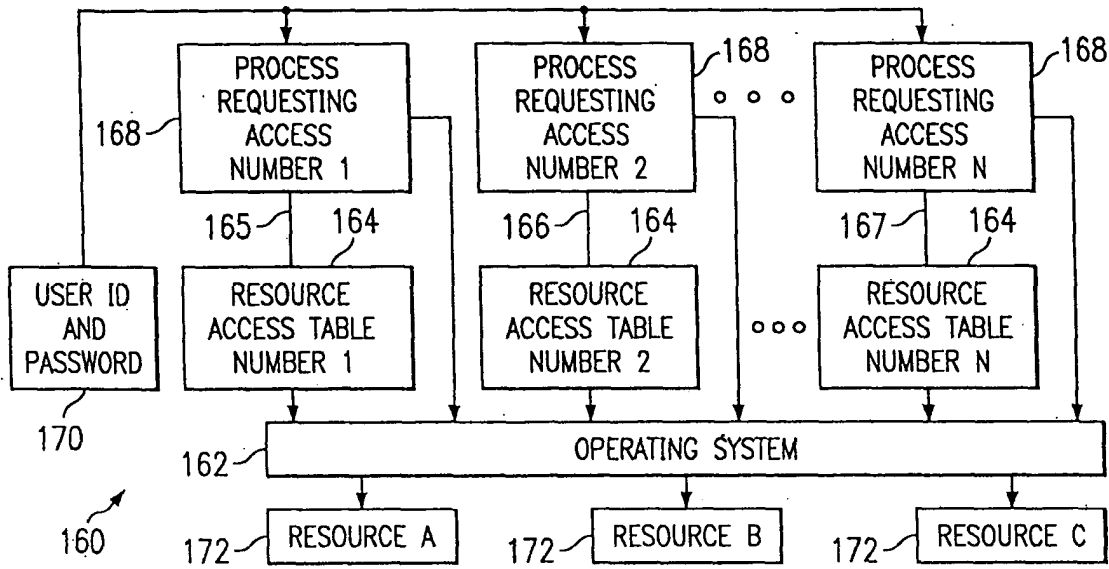
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FIG. 8



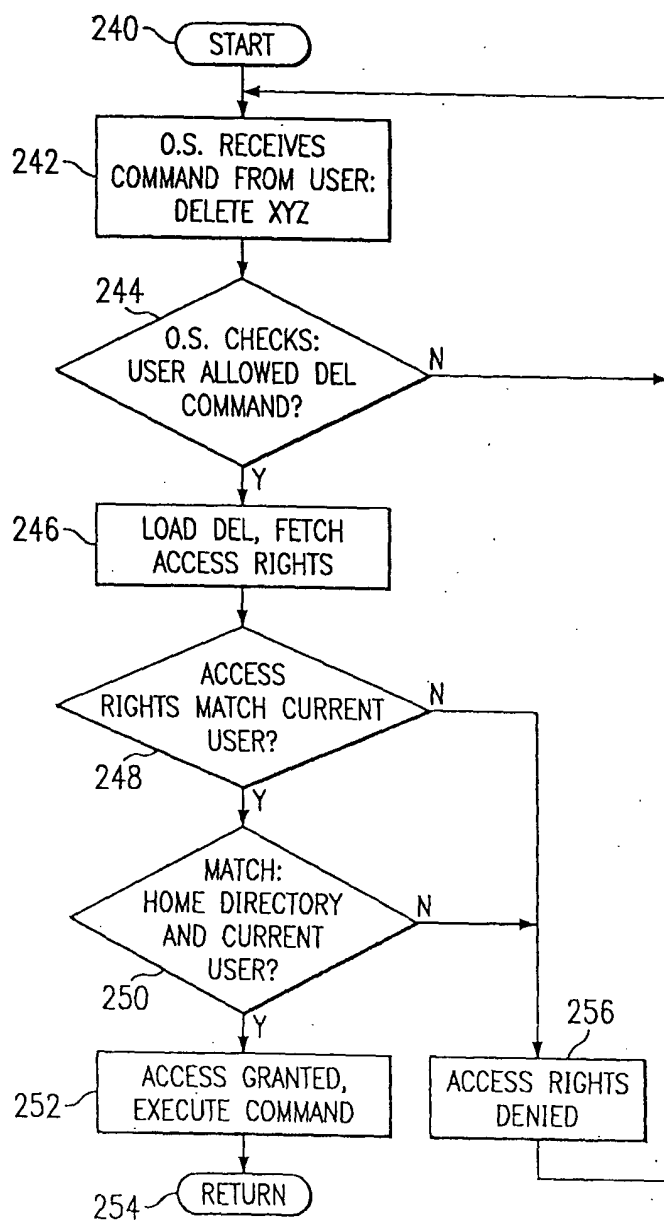
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FIG. 9



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FIG. 11



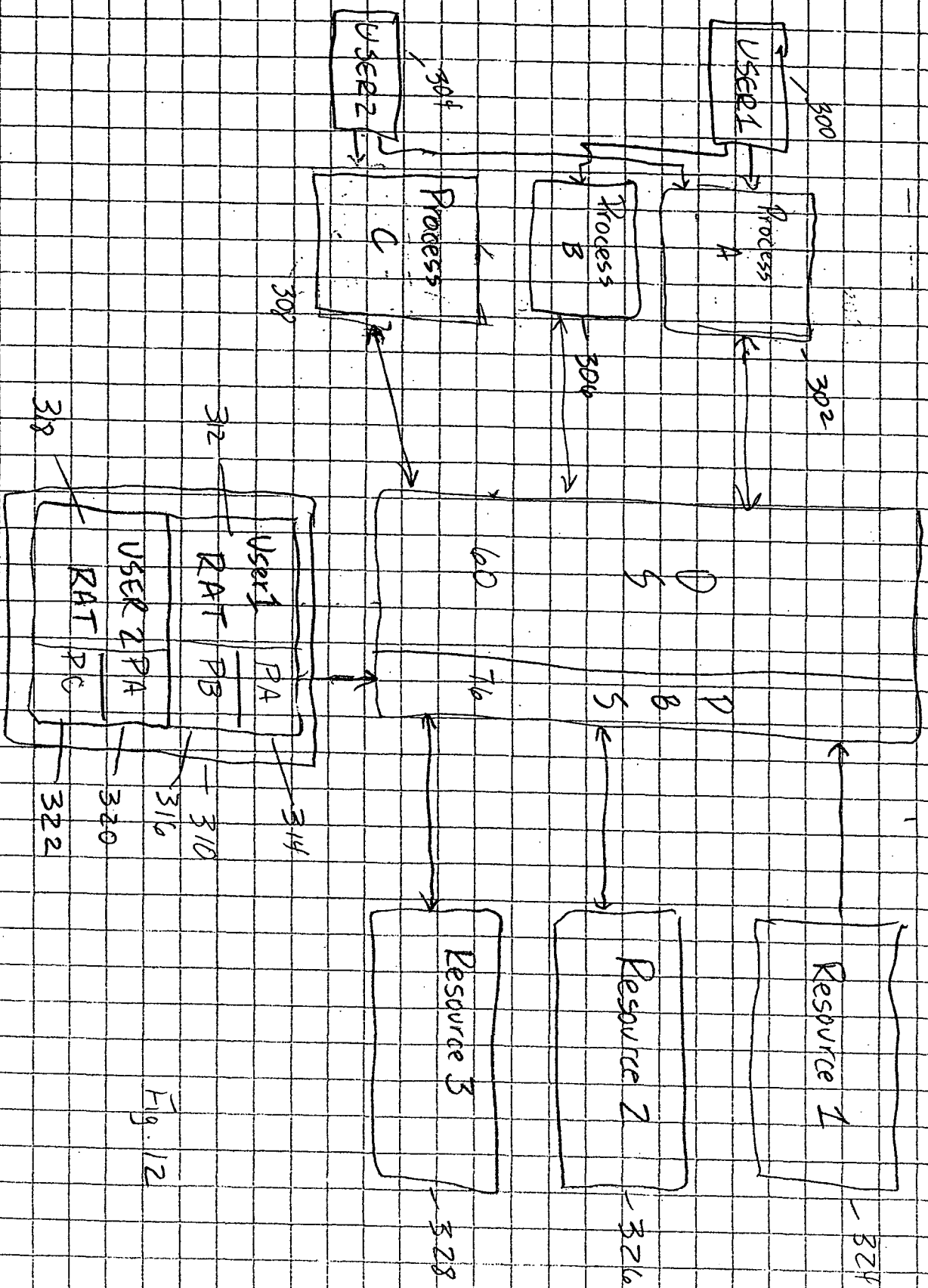


Fig. 12

Figure 12

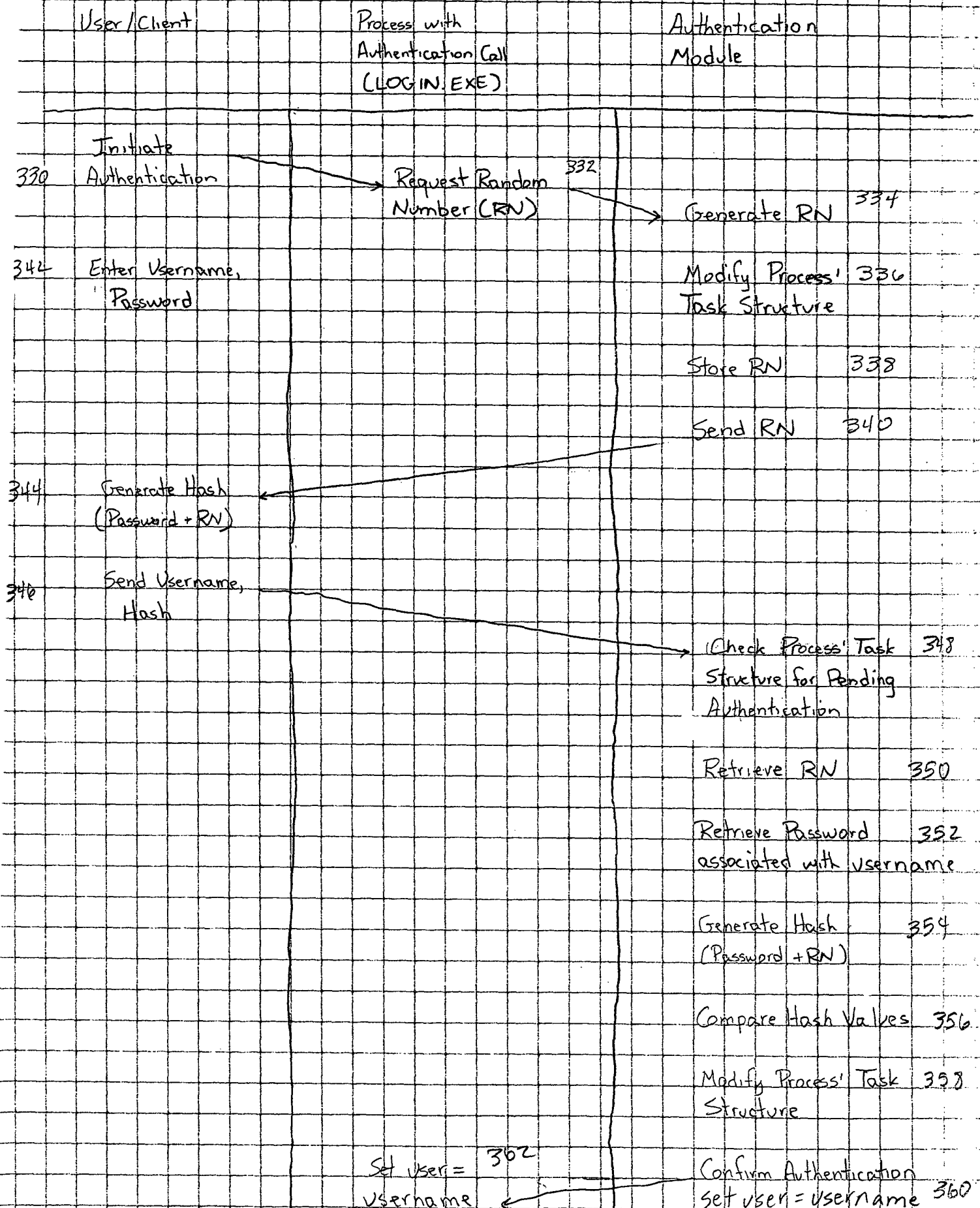


Figure 14

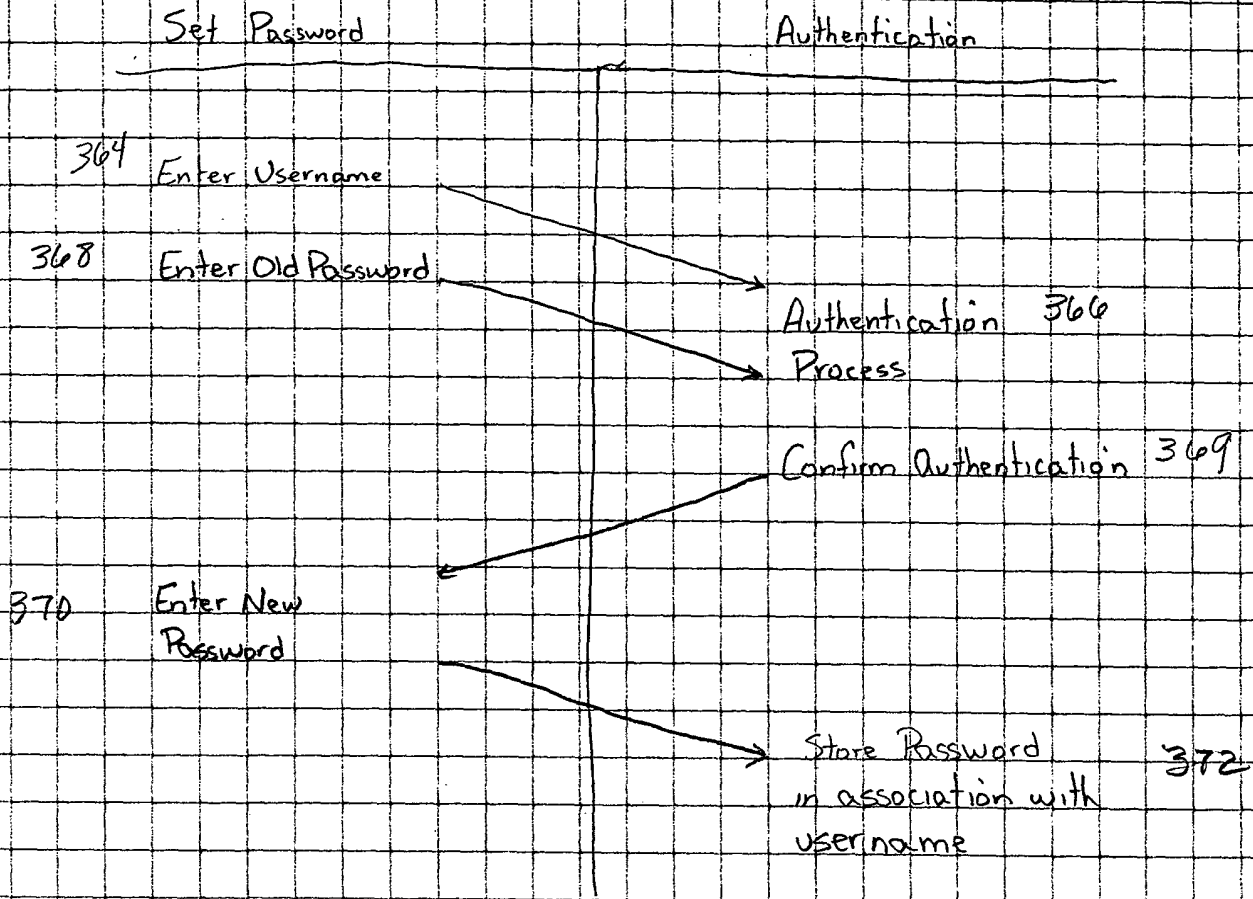


Fig. 15

Key Exchange

Client

Server

374 Request Key Exchange
 375 Send Username
 377 Enter Password (PW)

Modify Task Structure 376

Generate RN1 378

Send RN1 380

382 Calculate hash
 $H(PW, RN1)$

Retrieve Password (PW) 382
 associated with username

calculate hash 384
 $H(PW, RN1)$

386 Key 1 = $H(PW, RN1)$

Key 1 = $H(PW, RN1)$ 388

Generate RN2 390

Send RN2 392

394 calculate hash
 $H(PW, RN2)$

calculate hash 396
 $H(PW, RN2)$

400 Key 2 = $H(PW, RN2)$

Key 2 = $H(PW, RN2)$ 398

Modify Task Structure 402

Fig 11b

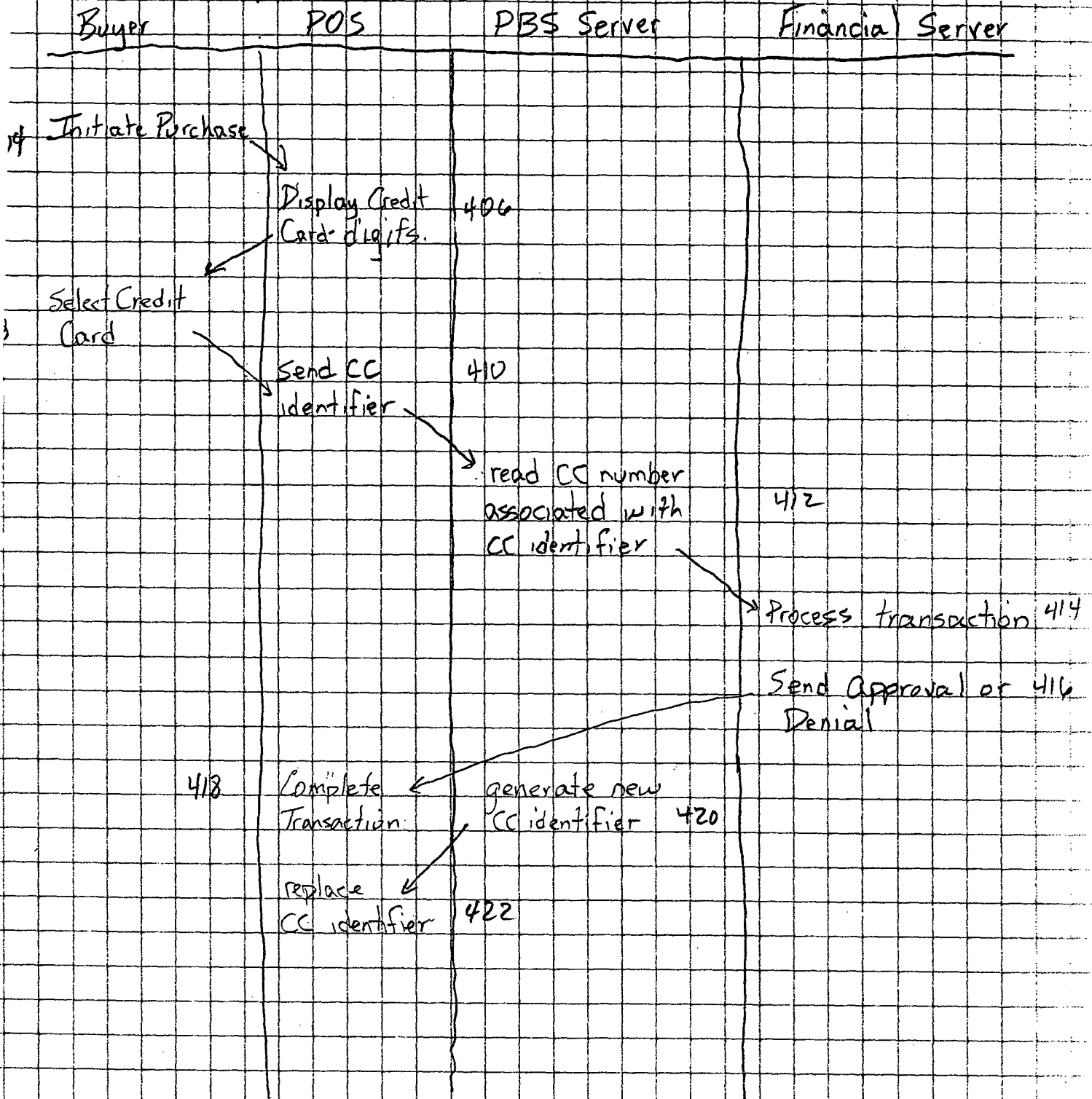
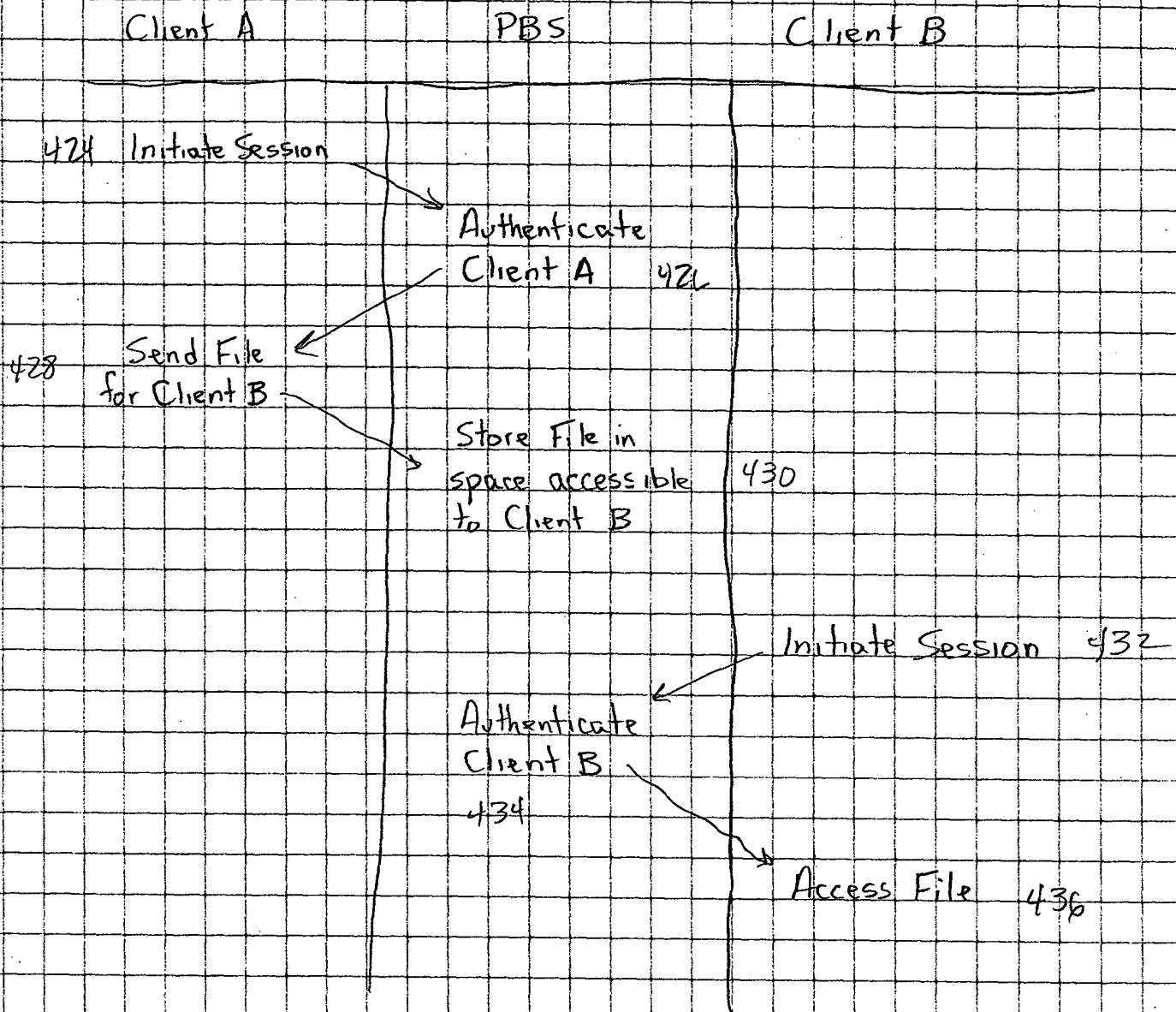


Fig 17



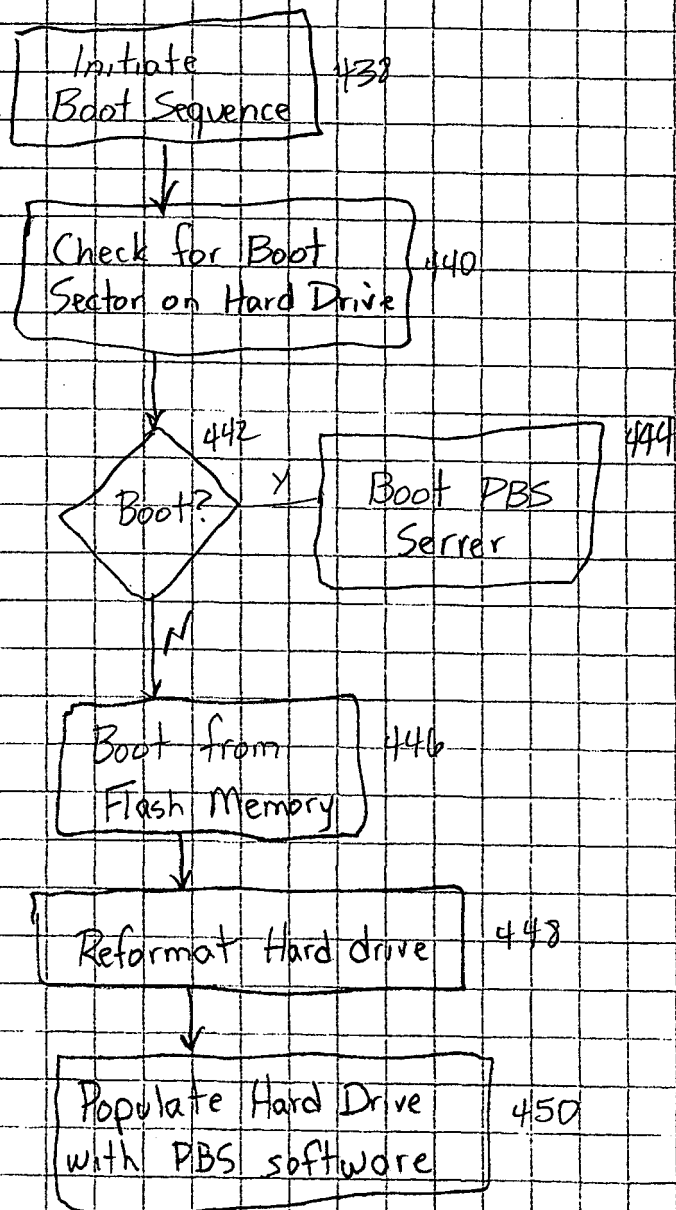


Fig 18